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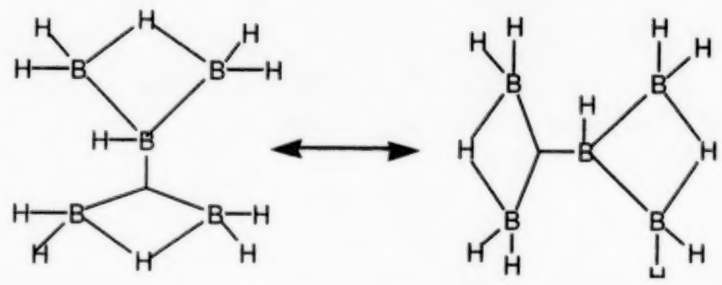

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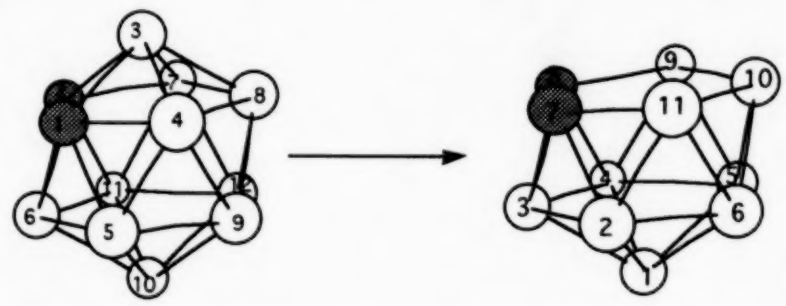

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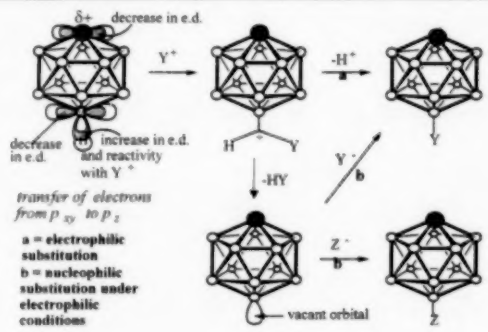

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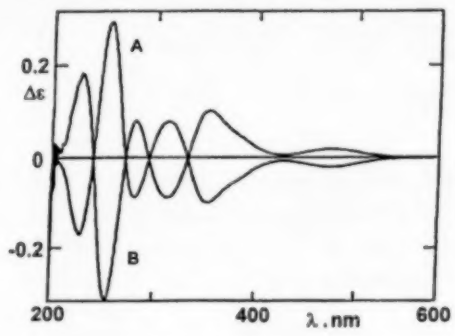

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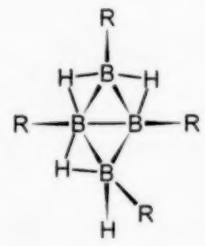
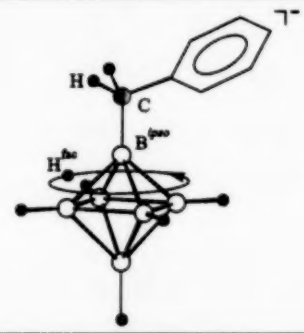
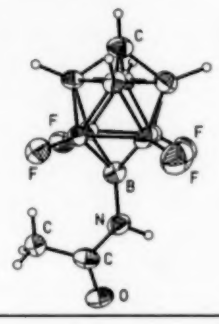
Novel tetraalkyltetraboranes of the type B_4R_4, $B_4H_2R_4$ and $B_4H_4R_4$ . . . . . 58 A. Neu, T. Mennekes, P. Paetzold, U. Englert, M. Hofmann, P. von Ragué Schleyer	
Alkyl derivatives of $[B_6H_6]^{2-}$: NMR and vibrational spectra and crystal structure of $(Ph_4P)[B_6H_6CH_2Ph]$. . . . . 70 B. Steuer, G. Peters, W. Preetz	
Synthesis and characterization of the anionic fluorocarboranes 6,7,8,9,10-$CB_9H_5F_5^-$, 6,7,8,9-$CB_9H_5F_4$-10-OH^-, and 6,7,8,9-$CB_9H_5F_4$-10-$NHCOCH_3^-$ . . . . . 76 S.V. Ivanov, S.M. Ivanova, S.M. Miller, O.P. Anderson, K.A. Solntsev, S.H. Strauss	

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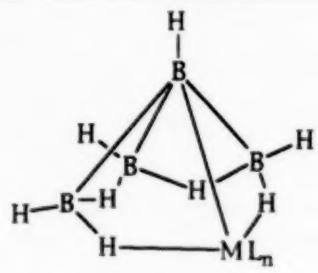
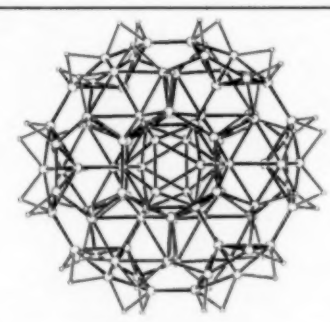
Early versus late transition metals. Electronic structure of *nido*-2-$CpML_nB_4H_8$, $CpML_n = CpTaCl_2$, $CpWH_3$ and CpCo . . . . . 85 A.S. Weller, S. Aldridge, T.P. Fehlner	
An approach to *megalo*-boranes. Mixed and multiple cluster fusions involving iridaborane and platinaborane cluster compounds. Crystal structure determinations by conventional and synchrotron methods. . . . . 95 J. Bould, W. Clegg, S.J. Teat, L. Barton, N.P. Rath, M. Thornton-Pett, J.D. Kennedy	

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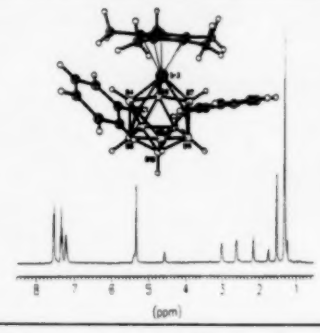

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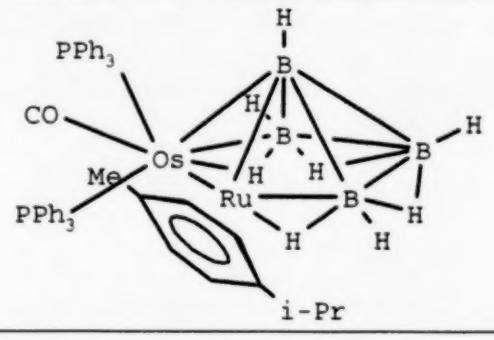

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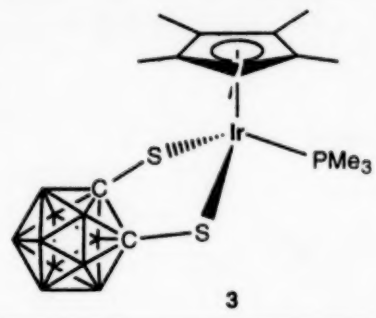

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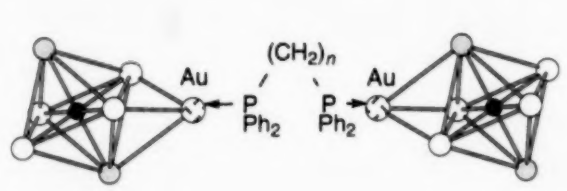

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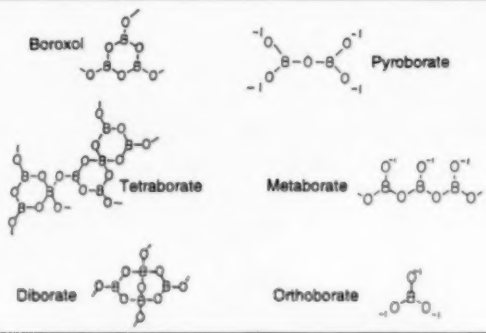

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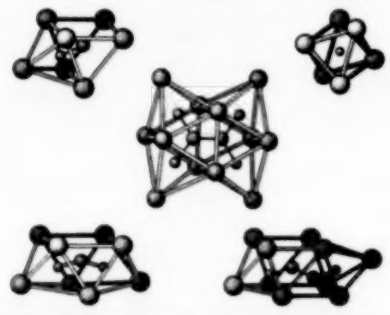
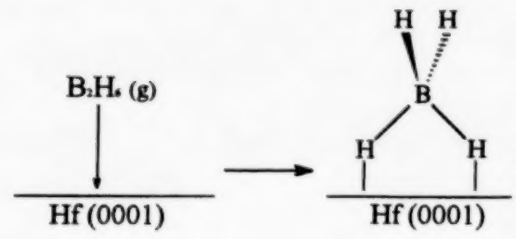
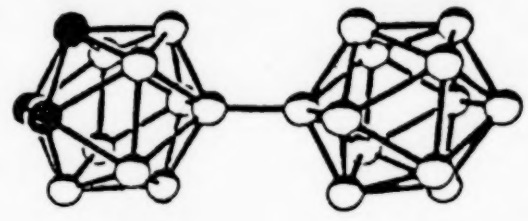


Comparison of the surface chemical reactivity of hafnium diboride and hafnium . . . . . 191 M. Belyansky, M. Trenary	
Lattice vibrations of the icosahedral solid boron arsenide, $B_{12}As_2$. . . . . 198 C.L. Beckel, N. Lu, B. Abbott, M. Yousaf	

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